

DEPENDENT RESURVEY OF A PORTION OF THE
VON SCHMIDT CALIFORNIA-NEVADA STATE BOUNDARY.

Chains

August 19 and 20, 1950, every 30 min. from 7 to 10.30 a.m. and from 1.30 to 5 p.m., app.t., make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30".

Reestablishment of the Survey Executed by
A.W. Von Schmidt, Deputy Surveyor, in 1873,
between the 210 mile +76.07 chs. and the
231 mile corners, inclusive.

The point for the 210 mile + 76.07 chs. cor. on the Von Schmidt state boundary line between Nevada and California is recovered from the original bearing trees:

A dead yellow pine, 40 ins. diam., bears N.63°W., 48 lks. dist. to blaze, 50 lks. dist. to center, with old marks BT CAL legible.

A yellow pine, 7 ft. diam., bears N.54°E., 156 lks. dist. to blaze, 161 lks. dist. to center. Overgrowth on old blaze not cut into.

A yellow pine stump, 40 ins. diam., bears S.21½°W., 176 lks. dist. to blaze, 179 lks. dist. to center. No marks on remaining portion of old blaze. Tree has been sawed up for firewood.

At the corner point

Set an iron post, 30 ins. long, 2 ins. diam., 50 ins. in the ground, with brass cap mkd.

V S 210M

+76e 7L

1950

from which

A yellow pine, 34 ins. diam., bears N.29½°E., 233 lks. dist., mkd. VS 210M 76C 7L BT.

A yellow pine, 8 ins. diam., bears N.15½°E., 130 lks. dist., mkd. VS BT.

Edge of water on SE. shore of Lake Tahoe bears N.49°W., 115 lks. dist.

N. top of a high peak with bedrock apex bears N.77°57'W., in mountain range W. of Lake Tahoe.

Another peak bears N.54°49'W., about 30 miles dist.

August 25, 1950, at this station, in latitude 38°57'25" N. and longitude 119°57'06" W., determined by the U.S.C. & G.S., make an hour angle observation on Polaris, E. of the meridian, taking 10 sights, 5 each with the telescope in direct and reversed positions, and accumulating the deflection angle from a flag at the Von Schmidt 212 mile + 53.21 chs. Cor., left to Polaris.

Local mean time of observation, p.m.	6h 42.5m
Upper culmination of Polaris, Aug. 26, am	3h 32.8m
Hour angle	OH 50.3m
Mean deflection angle from signal flag	129°59.2'
Azimuth of Polaris	+ 54.4'
Bearing of signal flag	N. 130°53.6'E. S.49°06.4'E.